

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Takehito TSUKAMOTO, et al.

Serial No.

Group Art Unit:

Confirmation No.

Filed: December 20, 2001

Examiner:

For: OPTICAL-ELECTRICAL WIRING BOARD, MOUNTED BOARD AND METHOD OF
MANUFACTURING OPTICAL-ELECTRICAL WIRING BOARD

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to the examination of the above-identified application, the following amendments
and remarks are respectfully submitted.

IN THE CLAIMS:

8. (AMENDED) The optical-electrical wiring board according to claim 1, wherein said
optical-electrical wiring board further comprises mounting means for mounting an electrical part
arranged on said first surface, said mounting means being electrically connected to said
electrical wiring.

9. (AMENDED) The optical-electrical wiring board according to claim 1, wherein:
said electrical wiring comprises a plurality of layers, and
connecting means for electrically connecting said plural layers of said electrical wiring is
arranged inside said through-hole.

10. (AMENDED) The optical-electrical wiring board according to claim 1, wherein said mounting means is arranged such that, when a light-emitting element or a light-receiving element is mounted on said mounting means, the light-emitting surface of said light emitting element or the light-receiving surface of said light-receiving element is arranged on the axis of said second waveguide.

11. (AMENDED) A mounted board prepared by mounting an electrical part to the optical-electrical wiring board according to claim 1.

12. (AMENDED) A mounted board prepared by mounting an electrical part to the optical-electrical wiring board according to claim 1.

16. (AMENDED) The method of manufacturing an optical-electrical wiring board according to claim 14, wherein said method further comprises the step of forming a light-collecting lens in one edge of said second core on the side of said first surface.

REMARKS

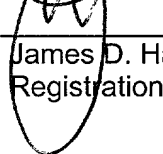
In accordance with the foregoing, claims 8-12 and 16 have been amended. Claims 1-16 are pending and under consideration.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: December 20, 2001

By: 

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend the following claims:

8. (AMENDED) The optical-electrical wiring board according to claim 1 [or 6], wherein said optical-electrical wiring board further comprises mounting means for mounting an electrical part arranged on said first surface, said mounting means being electrically connected to said electrical wiring.

9. (AMENDED) The optical-electrical wiring board according to claim 1 [2 or 7], wherein:

said electrical wiring comprises a plurality of layers, and

connecting means for electrically connecting said plural layers of said electrical wiring is arranged inside said through-hole.

10. (AMENDED) The optical-electrical wiring board according to claim 1 [2 or 7], wherein said mounting means is arranged such that, when a light-emitting element or a light-receiving element is mounted on said mounting means, the light-emitting surface of said light emitting element or the light-receiving surface of said light-receiving element is arranged on the axis of said second waveguide.

11. (AMENDED) A mounted board prepared by mounting an electrical part to the optical-electrical wiring board according to claim 1 [or 6].

12. (AMENDED) A mounted board prepared by mounting an electrical part to the optical-electrical wiring board according to claim 1 [2 or 7].

16. (AMENDED) The method of manufacturing an optical-electrical wiring board according to claim 14 [or 15], wherein said method further comprises the step of forming a light-collecting lens in one edge of said second core on the side of said first surface.

[illegible]